

## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Fumio MATSUMOTO

Appln. No.: 10/575,081

Confirmation No.: 8636

Filed: April 7, 2006

Docket No: Q77954

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned



For: COMPOUND SEMICONDUCTOR SINGLE CRYSTAL AND PRODUCTION  
PROCESS THEREOF

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

**MAIL STOP PCT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In response to the "Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)," for the above application, Applicant respectfully submits copies of the Submission of Executed Declaration and Declaration as previously filed on November 28, 2006. The surcharge fee of \$130.00 for late submission of the executed Declaration was also paid on November 28, 2006. Additionally, a copy of the date-stamped filing receipt of November 28, 2006 is attached. Also, the Submission of Declaration and Declaration filed November 28, 2006 is entered in PAIR.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to be "A. Rosner", written over a horizontal line.

Abraham J. Rosner  
Registration No. 33,276

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: January 4, 2007



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/575,081	Fumio Matsumoto	Q77954

23373  
 SUGHRUE MION, PLLC  
 2100 PENNSYLVANIA AVENUE, N.W.  
 SUITE 800  
 WASHINGTON, DC 20037

**DOCKETED**

DEC 06 2006

INTERNATIONAL APPLICATION NO.	
PCT/JP04/15311	
I.A. FILING DATE	PRIORITY DATE
10/08/2004	10/10/2003

CONFIRMATION NO. 8636

371 FORMALITIES LETTER



\*OC000000021443323\*

Date Mailed: 12/04/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/07/2006
- Copy of the International Search Report filed on 04/07/2006
- Preliminary Amendments filed on 04/07/2006
- Information Disclosure Statements filed on 04/07/2006
- Request for Immediate Examination filed on 04/07/2006
- U.S. Basic National Fees filed on 04/07/2006
- Priority Documents filed on 04/07/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

VIRGINIA L IRBY

Telephone: (703) 308-9140 EXT 229

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/575,081	PCT/JP04/15311	Q77954

FORM PCT/DO/EO/905 (371 Formalities Notice)

**FILING RECEIPT**  
**PLEASE DATE STAMP AND RETURN TO US - BOX 235X**

In re application of

Fumio MATSUMOTO

Appln. No.: 10/575,081

Group Art Unit: Not Yet Assigned

Confirmation No.: 8636

Examiner: Not Yet Assigned

Filed: April 7, 2006

For: COMPOUND SEMICONDUCTOR SINGLE CRYSTAL AND PRODUCTION PROCESS  
THEREOF

**PAPER(S) FILED ENTITLED:**

1. Submission of Executed Declaration (in duplicate) with a copy of the executed Declaration and Power of Attorney (three (3) pages), and Check No. 1091655 in the amount of \$130.00
2. Copy of an executed Assignment with PTO Form 1595 and Check No. 1091656 in the amount of \$40.00
3. Information Disclosure Statement with a copy of Communication from a foreign patent office (Examination Report under Section 18(3) for Application No. GB0607078.3 dated October 5, 2006), one (1) reference and PTO/SB/08 A & B (modified)
4. Statement under 37 C.F.R. § 1.97(e)

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

DOCKET NO.: Q77954  
ATTORNEY/SEC: AJR/mld  
Date Filed: November 28, 2006

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER



Sughrue 2100 PENNSYLVANIA AVENUE, N.W. WASHINGTON, D.C. 20037 3213

INVOICE DATE	INVOICE NO.	INVOICE	NET INVOICE
11/14/06	OPER: MLD 124001 077954		130.00
CHECK NO.	CHECK DATE	TOTAL GROSS	NET CHECK
309655	11/14/06 10456	DIRECTOR OF U.S. PATENT AND TRADEMARK OFFICE	130.00



Sughrue

SUGHRUE MONTGOMERY

2100 PENNSYLVANIA AVENUE, N.W.  
WASHINGTON, D.C. 20037-3213

\*\*ONE HUNDRED THIRTY AND 00/100 DOLLARS\*\*

PAY TO THE ORDER OF

DIRECTOR OF THE U.S. PATENT  
AND TRADEMARK OFFICE

10/575,081

DATE

11/14/06

65-2-C  
500

309655

SUNTRUST  
SunTrust Bank

AMOUNT

\*\$130.00\*

NON-NEGOTIABLE

*Cynthia C. Walker*

⑈309655⑈ ⑆055002707⑆ 206548885⑈

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q77954

Fumio MATSUMOTO

Appln. No.: 10/575,081

Group Art Unit: Not Yet Assigned

Confirmation No.: 8636

Examiner: Not Yet Assigned

Filed: April 7, 2006

For: COMPOUND SEMICONDUCTOR SINGLE CRYSTAL AND PRODUCTION  
PROCESS THEREOF

**SUBMISSION OF EXECUTED DECLARATION**

**MAIL STOP PCT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In view of the application filed on April 7, 2006 without the appropriate executed documents, and since Applicant's attorney has not yet received the "Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)," for the above application, Applicant submits herewith a copy of the Declaration (three (3) pages) for the above identified application properly executed by the inventors.

A check for the statutory fee of \$130.00 is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



Abraham J. Rosner

Registration No. 33,276

SUGHRUE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: November 28, 2006